



**Soil and Plant Testing Lab**  
**Division of Plant Sciences**  
**University of Missouri**

**Compost Analysis Report**

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Date Received April 11, 2018  
 Date Completed April. 19, 2018  
 Lab No. C18019  
 Sample Id. #1  
 File Name WhiteA\_C18019.docx

Tests	Units	Desired Range	Results	Interpretation		
				Low	Desired	High
pH		6.0 – 8.0	7.91		x	
E. C. - Saturation Paste	mmho/cm	< 4	2.34		x	
Nitrate-N (NO <sub>3</sub> -N)*	ppm	40 – 99				
Ammonium-N (NH <sub>4</sub> -N)*	ppm					
Moisture	%	< 50	46.1		x	
C/N Ratio		<25	24.6		x	
<b>Total Nitrogen (N)</b>	%				0.588	
	N lbs/Ton				11.8	
<b>Total Phosphorus (P)</b>	%				0.064	
	P <sub>2</sub> O <sub>5</sub> lbs/Ton				2.94	
<b>Total Potassium (K)</b>	%				0.201	
	K <sub>2</sub> O lbs/Ton				4.51	
<b>Total Calcium (Ca)</b>	%				3.70	
<b>Total Magnesium (Mg)</b>	%				0.268	
<b>Total Zinc (Zn)</b>	ppm				42	
<b>Total Iron (Fe)</b>	ppm				2655	
<b>Total Manganese (Mn)</b>	ppm				193	
<b>Total Copper (Cu)</b>	ppm				14	
<b>Total Carbon (C)</b>	%				14.4	

\*Interpretation for nitrate-N is for growing media only. If this material is to be used as soil amendment, the interpretation for nitrate-N is not applicable.